REMARKS

This responds to the Office Action mailed on January 11, 2006.

Claim 14 is cancelled herein. Claims 1, 8, 13, 15, 16 and 18 have been amended. Claims 1-13 and 15-20 are now pending in this application.

Claim Objections

Claims 1, 8, 13, and 18 were objected to for a different spelling of the word "converter. Claims 1, 8, 13 and 18 have been amended to correct the spelling error.

§102 Rejection of the Claims

Claim 14 was rejected under 35 U.S.C. § 102(b) for anticipation by Smart. Claim 14 has been cancelled to expedite allowance of the subject matter indicated to be allowable and without addressing the rejection. Thus, the rejection is deemed moot by the cancellation. Applicant reserves the right to prosecute the subject matter of claim 14 in a later-filed application.

Allowable Subject Matter

Claims 1-13 and 18-20 have been allowed.

Claims 15-17 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 15 and 16 have been so amended.

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Filing Date: January 8, 2002 Title: DYNAMIC RA

DYNAMIC RANGE RECOVERY USING A DIGITAL AGC

CONCLUSION

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (612) 373-6912 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

GARRY RICHARDSON ET AL.

By their Representatives,

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Date (2, 2006

Timothy E. Bianchi Reg. No. 39,610

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 12th day of June, 2006. (Monday)

CANDIS BUENDING

Name

Signature